Contents Volume 67, 1994

Ediacaran fossils from the Stirling Range Formation, Western Australia
T. Cruse and L.B. Harris 1

Petrology and geochemistry of greywackes from the Aravalli Supergroup, Rajasthan, India and the tectonic evolution of a Proterozoic sedimentary basin
D.M. Banerjee and P. Bhattacharya 11

Extensional collapse and uplift in a polymetamorphic granulite terrain in the Archaean and Palaeoproterozoic of north China
Z. Jiasheng, P.H.G.M. Dirks and C.W. Passchier 37

Early and late Pan-African orogenies in the Aïr assembly of terranes (Tuareg shield, Niger)
J.P. Liégeois, R. Black, J. Navez and L. Latouche 59

U–Pb age constraints on deposition and provenance of Birimian and gold-bearing Tarkwaian sediments in Ghana, West Africa
D.W. Davis, W. Hirdes, U. Schaltegger and E.A. Nunoo 89

Gneiss–greenstone relationships in the Ancient Gneiss Complex of southwestern Swaziland, southern Africa, and implications for early crustal evolution
A. Kröner and A. Tegtmeyer 109

Implications of U–Pb ages of columbite–tantalites from granitic pegmatites for the Palaeoproterozoic accretion of 1.90–1.85 Ga magmatic arcs to the Baltic Shield
R.L. Romer and S.-A. Smeds 141

A Late Archaean–Palaeoproterozoic (2.6 Ga) palaeosol on ultramafics in the Eastern Transvaal, South Africa
J.E.J. Martini 159

Geochemistry and tectonic significance of the Ongarbira metavolcanic rocks, Singhbhum District, India
W.H. Blackburn and D.C. Srivastava 181

Geochemistry and evolution of Late Archean plutonism and its significance to the tectonic development of the Slave craton
W.J. Davis, B.J. Fryer and J.E. King 207

The early Archaean Nondweni greenstone belt, southern Kaapvaal Craton, South Africa, Part I. Stratigraphy, sedimentology, mineralization and depositional environment
A.H. Wilson and J.A. Versfeld 243

The early Archaean Nondweni greenstone belt, southern Kaapvaal Craton, South Africa, Part II. Characteristics of the volcanic rocks and constraints on magma genesis
A.H. Wilson and J.A. Versfeld 277

U–Pb and Sm–Nd evidence for Eburnian and Pan-African high-grade metamorphism in cratonic rocks of southern Cameroon
S.F. Toteu, W.R. Van Schmus, J. Penaye and J.B. Nyobé 321

The age of Proterozoic orogenesis in New Mexico, U.S.A.
P.W. Bauer and M.L. Williams 349

Contents Volume 67 357